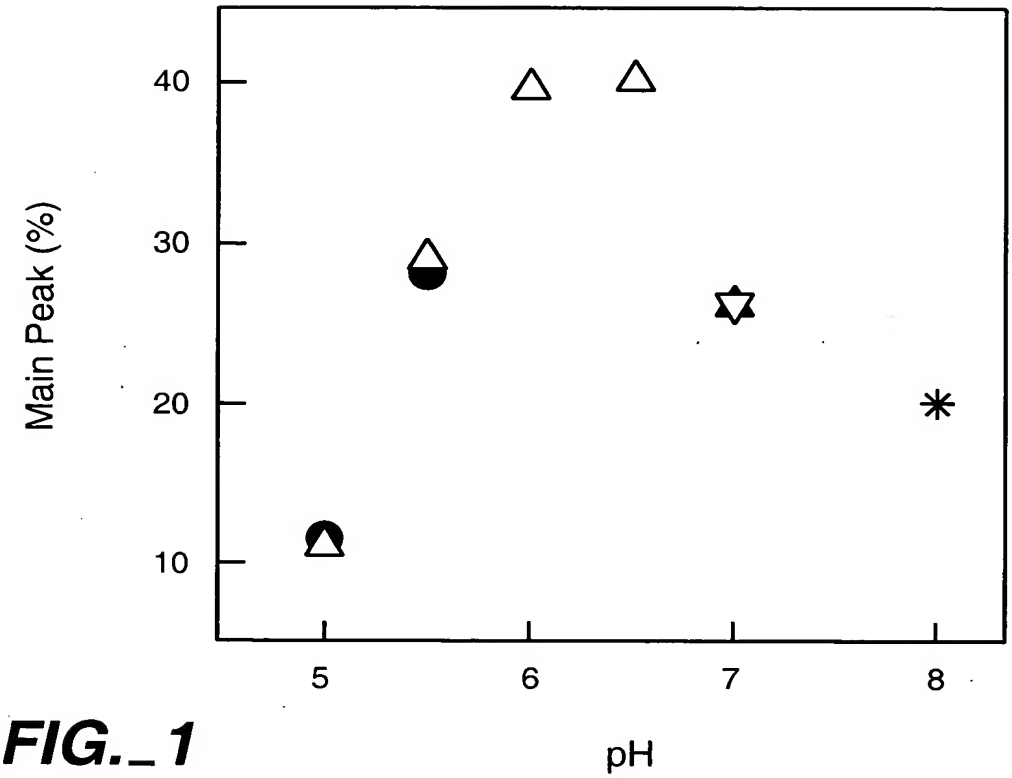

FIG._1

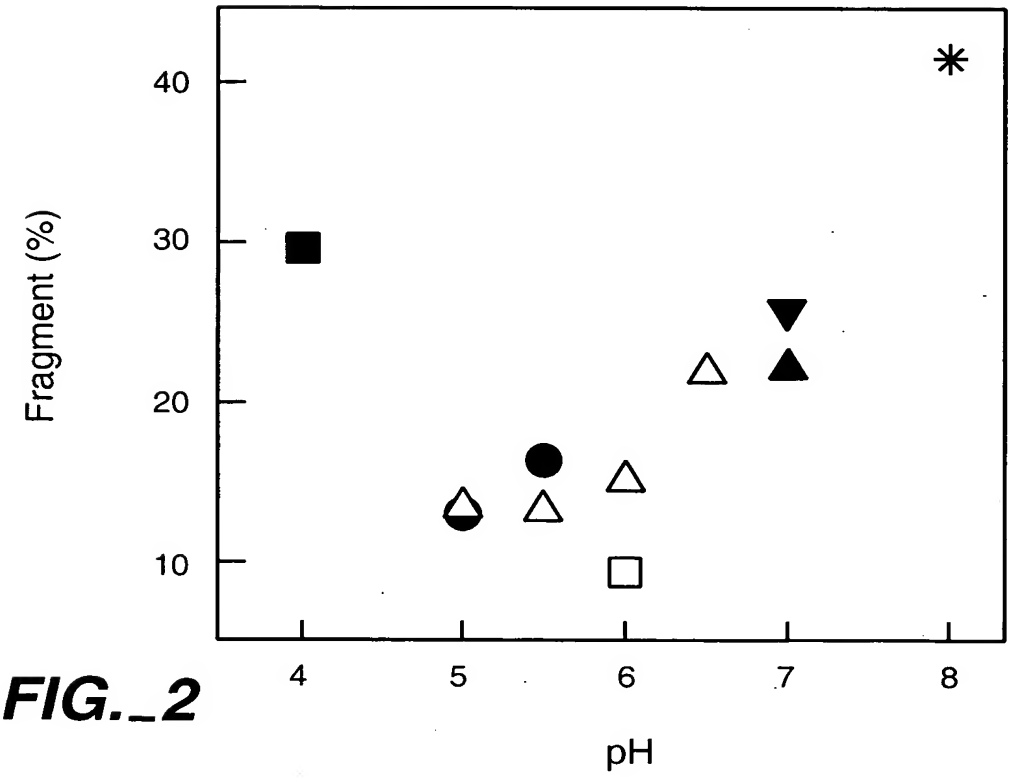

FIG._2

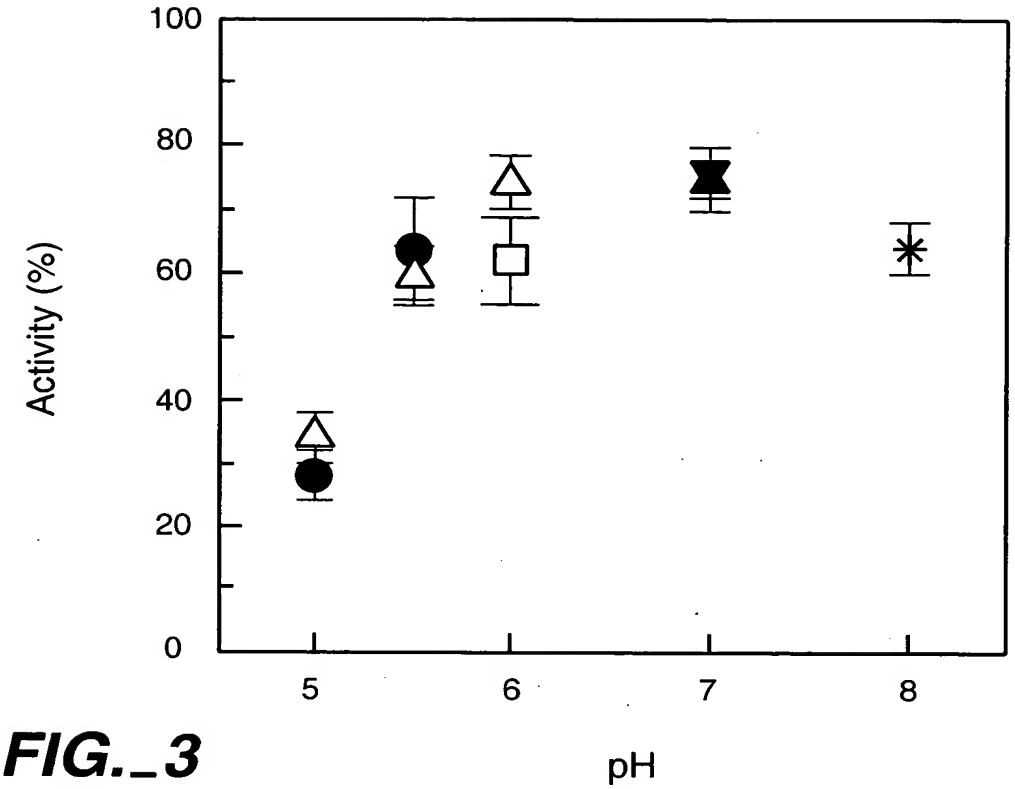
100
80
60
40
20
0
Activity (%)
5
6
7
8
pH

FIG._3

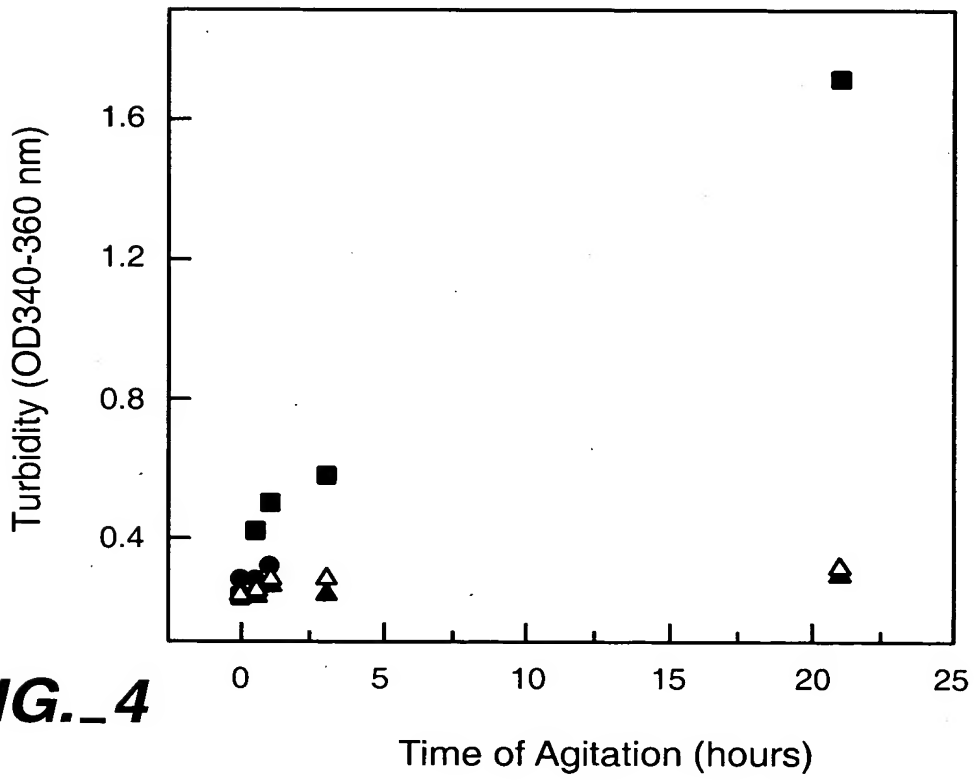
1.6
1.2
0.8
0.4
Turbidity (OD340-360 nm)
0
5
10
15
20
25
Time of Agitation (hours)

FIG._4

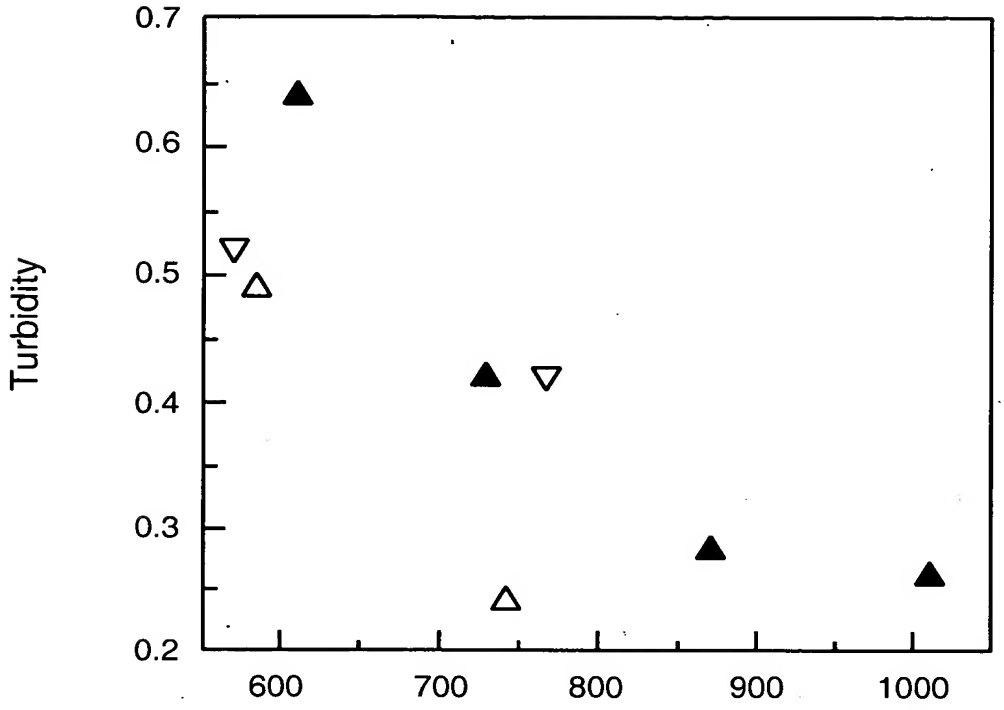
0.7
0.6
0.5
0.4
0.3
0.2
Turbidity
600
700
800
900
1000
Osmolarity (mOsm/Kg)

FIG._5

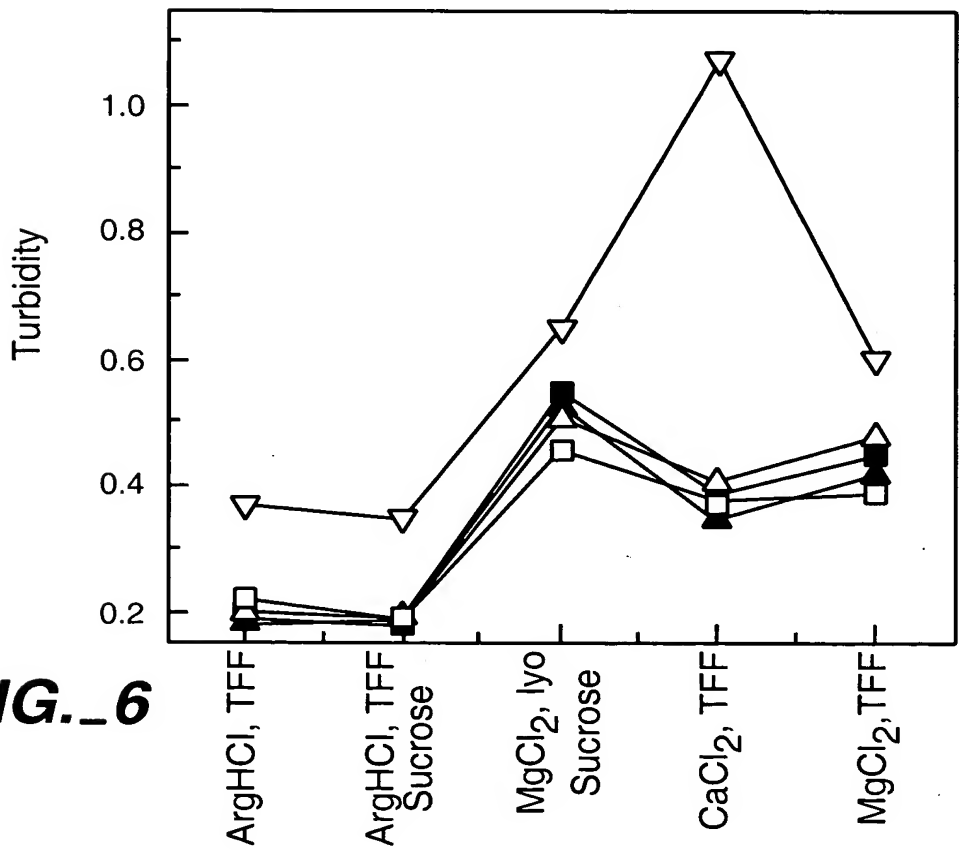
1.0
0.8
0.6
0.4
0.2
Turbidity
ArgHCl, TFF
ArgHCl, TFF Sucrose
MgCl2, lyo Sucrose
CaCl2, TFF
MgCl2,TFF

FIG._6

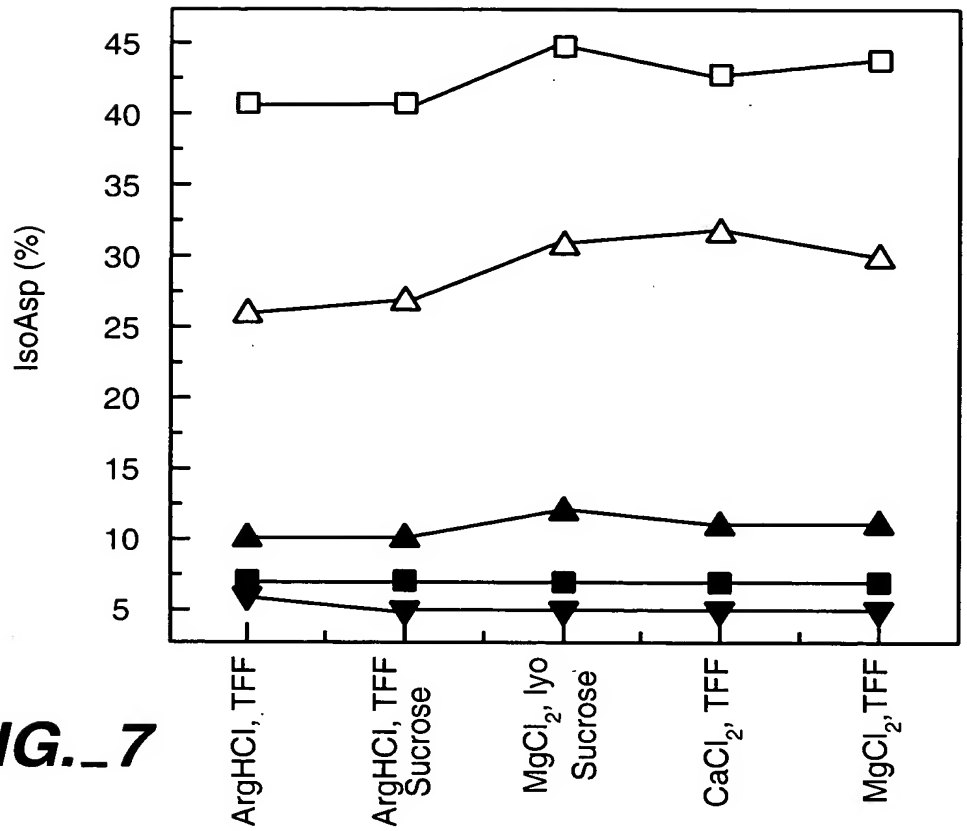
IsoAsp (%)
45
40
35
30
25
20
15
10
5
ArgHCl, TFF
ArgHCl, TFF Sucrose
MgCl2, lyo Sucrose
CaCl2, TFF
MgCl2, TFF

FIG._7

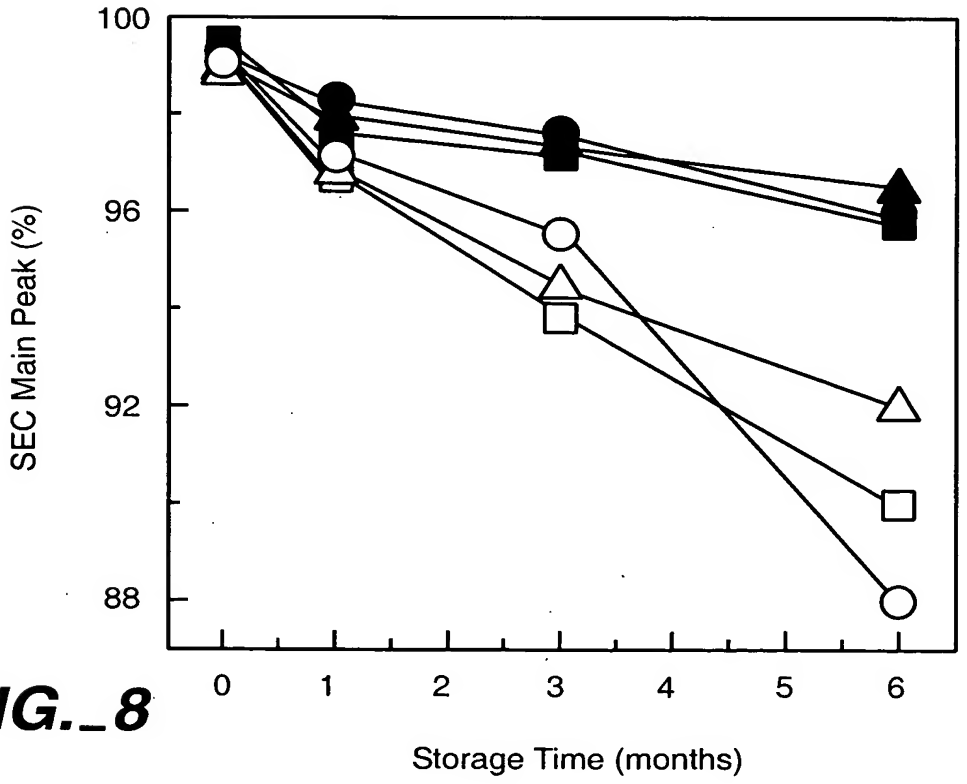
SEC Main Peak (%)
100
96
92
88
0
1
2
3
4
5
6
Storage Time (months)

FIG._8

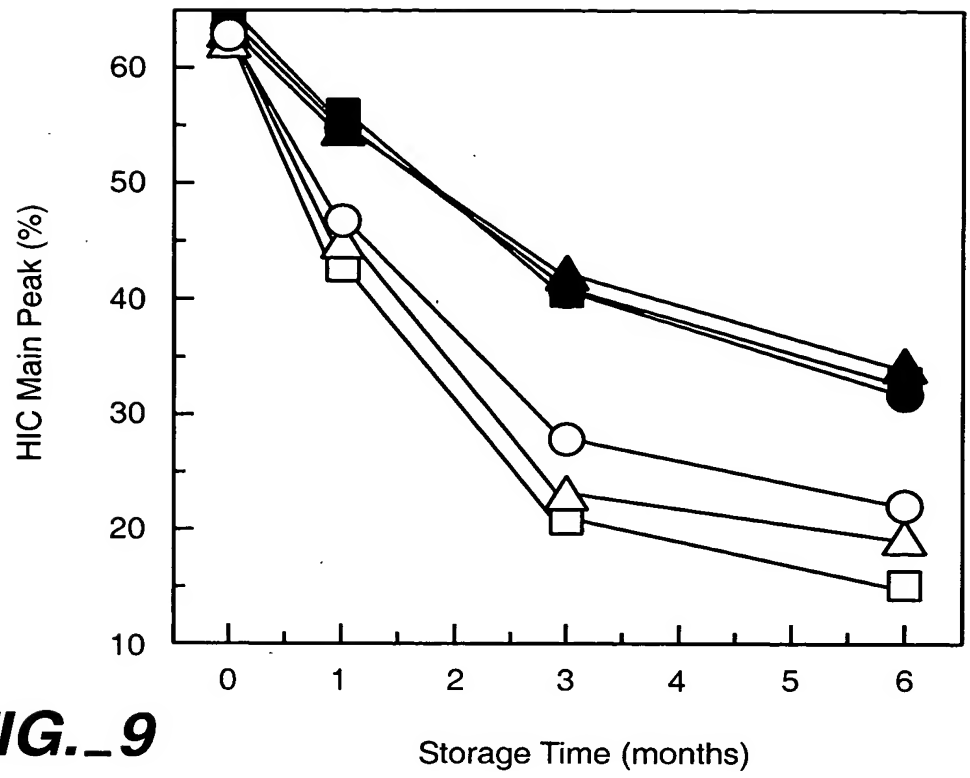

FIG._9

Anti-IgE Antibodies: Light Chain (V_L and C_L Domains)

```
                  10         20         30         40         50         60         70         80
E25       DIQLTQSPSS LSASVGDRVT ITC[RASQSVD YDGDSYMN]WY QQKPGKAPKL LIY[AASYLES] GVPSRFSGSG SGTDFTLTIS
E26       DIQLTQSPSS LSASVGDRVT ITC[RASKPVD GEGDSYLN]WY QQKPGKAPKL LIY[AASYLES] GVPSRFSGSG SGTDFTLTIS
Hu-901    DILLTQSPGT LSLSPGERAT LSC RASQSIG TNIH----  WY QQKPGQAPRL LIK YASESIS  GIPSRFSGSG SGTDFTLTIS

                 90         100        110     CL starts
E25       SLQPEDFATY YC[QQSHEDPY T]FGQGTKVEI KRT VAAPSVFIFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQD
E26       SLQPEDFATY YC[QQSHEDPY T]FGQGTKVEI KRT VAAPSVFIFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQD
Hu-901    RLEPEDFAMY YC QQSDSWPT T FGQGTKVEI KRT VAAPSVFIFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQD

E25         SKDSTYSLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC
E26         SKDSTYSLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC
Hu-901      SKDSTYSLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC
```

FIG._10A

Anti-IgE Antibodies: Heavy Chain (V_H and C_H Domains)

```
                10        20        30        40        50 a      60        70        80        90
E25     EVQLVESGGG LVQPGGSLRL SCAVSGYSIT S[GYSWNW]IRQ APGKGLEWVA [SITYDGSTNY NPSVKG]RITI SRDDSKNTFY LQMNSLRAED
E26     EVQLVESGGG LVQPGGSLRL SCAVSGYSIT S[GYSWNW]IRQ APGKGLEWVA [SITYDGSTNY NPSVKG]RITI SRDDSKNTFY LQMNSLRAED
Hu-901  QVQLVQSGAE VKKPGASVKV SCKASGYTF- S MYWLEW VRQ APGHGLEWVG EISPGTFTTNY NEKFKA RATF TADTSTNTAY MELSSLRSED

                100       110ab       120 C_H starts
E25     TAVYYCAR[GS HYFGHWHFAV]  WGQGTLVTVSS ASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSS
E26     TAVYYCAR[GS HYFGHWHFAV]  WGQGTLVTVSS ASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSS
Hu-901  TAVYYCAR FS HFSGSNYDYFDY WGQGTLVTVSS ASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSS

E25     VVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVE
E26     VVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVE
Hu-901  VVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVE

E25     VHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWE
E26     VHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWE
Hu-901  VHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWE

E25     SNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
E26     SNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
Hu-901  SNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
```

FIG._10B